

## **June 26, 2010: Widespread Wind Damage, Isolated Tornadoes, and Flooding Across Southern Minnesota**

Similar to the day before, a warm front surged northward and extended across southern Minnesota by peak heating of the afternoon on the 26th. Strong instability built along this front, triggering thunderstorms. The environment supported these thunderstorms organizing into a complex which evolved eastward across the southern third of Minnesota during the evening. Damaging winds and very heavy rainfall were the primary severe weather. There were tornado warnings issued and reports of embedded tornadoes.

### **Tornado Damage Survey Results**

#### ***Le Sueur County: EF-0 Tornado West of Heidelberg***

- Maximum intensity...EF-0 with winds approximately 65 to 70 mph.
- Fatalities...none.
- Injuries...none.
- Location and track...it touched down about three miles west of Heidelberg, moved east-northeast, and dissipated after 1/3 mile.
- Maximum width...25 yards.
- Timing...approximately 911 pm to 912 pm.
- Damage... the tornado destroyed a chicken coop, partially took the roof off a shed, and broke several trees. Some of the damage was spread into an adjacent field.

#### ***Le Sueur County: EF-0 Tornado In and Near New Prague***

- Maximum intensity...EF-0 with winds approximately 65 to 75 mph.
- Fatalities...none.
- Injuries...none.
- Location and track...it touched down 1.7 miles south of downtown New Prague, moved northeast for nearly about 1.3 miles, then dissipated 1.25 miles southeast of downtown New Prague. It did move through a portion of the city limits.
- Maximum width...50 yards.
- Timing...approximately 920 pm to 922 pm.
- Damage...Several dozen trees were broken, garage doors were dented in, and damage was done to siding, soffits, and shingles on numerous houses.

#### ***Scott County: EF-0 Tornado Near Elko-New Market***

- Maximum intensity...ef-0 with winds approximately 75 to 85 mph.
- Fatalities...none.
- Injuries...none.
- Location and track...it touched down four miles west of Elko-New Market, moved northeast for nearly two miles, then dissipated 2.5 miles west-northwest of Elko-New Market.
- Maximum width...50 yards.
- Timing...approximately 935 pm to 939 pm.

- Damage...the tornado struck several groves of trees...snapping some near the base. It also ripped the top of a silo...spreading tin into an adjacent field. A garage door was also pushed inward.
- Other notes...the Elko-New Market area tornado was accompanied by strong northwest winds in the area northwest of the tornado track. Dozens of trees were broken across a wide area, from just east of St Patrick to three miles northwest of Elko-New Market, and a shed lost part of its roof. These winds were estimated to be around 60 to 70 mph.

***Faribault County: EF-0 Tornado North of Blue Earth***

- Maximum intensity...EF-0 with winds approximately 65 to 75 mph.
- Fatalities...none.
- Injuries...none.
- Location and track...it touched down about four miles northeast of Guckeen, moved east, and dissipated four miles north of Blue Earth, after being on the ground for 2.7 miles.
- Maximum width...30 yards.
- Timing...approximately 924 pm to 928 pm.
- Damage... dozens of trees were broken or uprooted, two grain bins were destroyed, an auger was moved, several sheds were damaged, and a granary was moved.

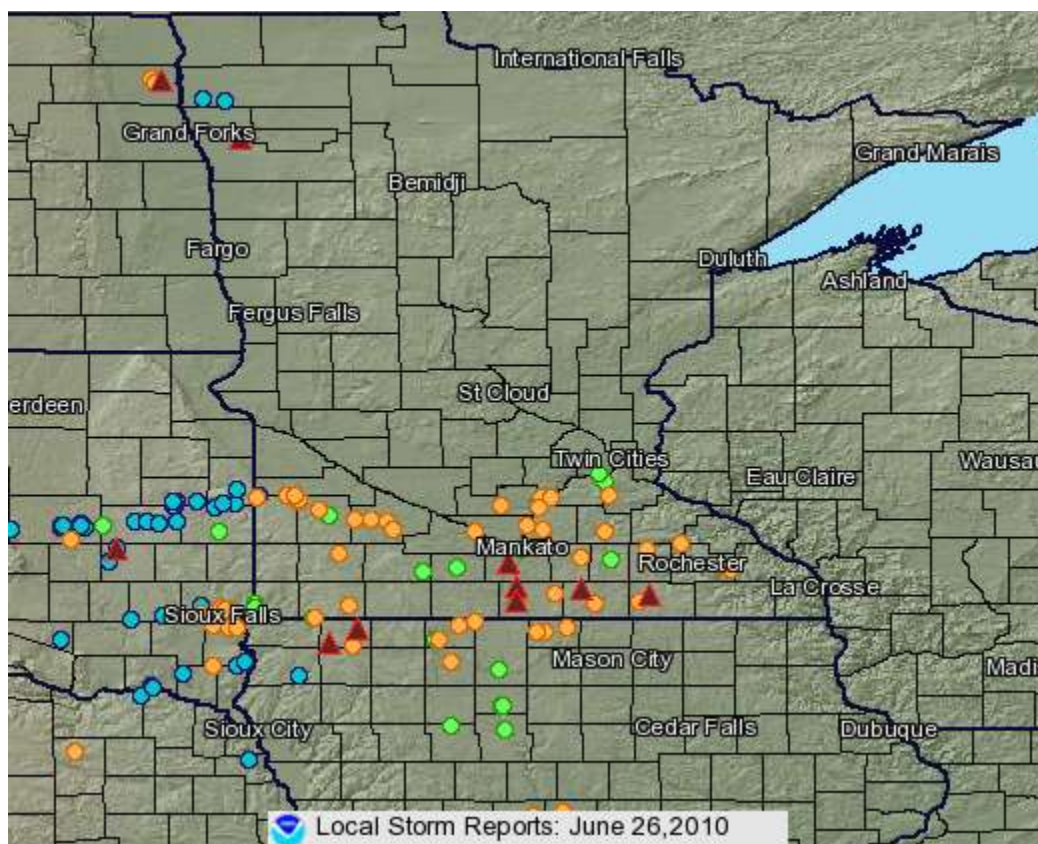
***Faribault County: EF-0 Tornado Southwest of Easton***

- Maximum intensity...EF-0 with winds approximately 65 to 75 mph.
- Fatalities...none.
- Injuries...none.
- Location and track...it touched down 2.5 miles south-southwest of Easton, moved east, and was on the ground about 1/2 mile.
- Maximum width...30 yards.
- Timing...approximately 938 pm to 939 pm.
- Damage... Several trees were broken, the roof was partially removed from a large shed, a grain bin was damaged, outbuildings sustained minor damage, and a narrow path was observed in an adjacent corn field.

***Faribault County: EF-0 Tornado on the West Edge of Wells***

- Maximum intensity...EF-0 with winds approximately 70 to 80 mph.
- Fatalities...none.
- Injuries...none.
- Location and track...it touched down one mile west of Wells, moved east along Highway 109, and dissipated on the west edge of Wells. It was on the ground for about 3/4 mile.
- Maximum width...50 yards.
- Timing...approximately 947 pm to 948 pm.
- Damage... Numerous trees were broken, mostly in a cemetery on the west edge of Wells.
- Other notes...the Wells tornado was accompanied by strong rear flank downdraft winds of about 60 to 65 mph, which toppled numerous trees, mostly in the south side of Wells.

## Storm Reports



## Text Listing of Preliminary Storm Reports

PRELIMINARY LOCAL STORM REPORT...SUMMARY  
 NATIONAL WEATHER SERVICE TWIN CITIES/CHANHASSEN MN  
 436 AM CDT TUE JUN 29 2010

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...	....MAG....	..COUNTY LOCATION..ST..	...SOURCE....
..REMARKS..			
0450 PM	HAIL	13 W PORTER	44.64N 96.43W
06/26/2010	M1.25 INCH	YELLOW MEDICINE MN	TRAINED SPOTTER
0500 PM	HAIL	CANBY	44.71N 96.27W
06/26/2010	M0.75 INCH	YELLOW MEDICINE MN	TRAINED SPOTTER
SIZE OF DIMES...JUST STARTED.			
0519 PM	TSTM WND DMG	PORTER	44.64N 96.17W
06/26/2010		YELLOW MEDICINE MN	TRAINED SPOTTER
POWER OUTAGE ACROSS CITY.			

0525 PM	TSTM WND DMG	4 E PORTER		44.64N 96.09W
06/26/2010		YELLOW MEDICINE	MN	TRAINED SPOTTER
ONE DOZEN 8 INCH DOWN...ACCOMPANIED BY HALF INCH HAIL.				
0628 PM	HAIL	MILROY		44.42N 95.55W
06/26/2010	M1.00 INCH	REDWOOD	MN	TRAINED SPOTTER
0633 PM	TSTM WND DMG	MILROY		44.42N 95.55W
06/26/2010		REDWOOD	MN	TRAINED SPOTTER
TREES DOWN. SIZE UNKNOWN.				
0642 PM	TSTM WND DMG	LUCAN		44.41N 95.41W
06/26/2010		REDWOOD	MN	TRAINED SPOTTER
EIGHT TO TEN INCH DIAMETER BRANCHES SEVERED.				
0642 PM	HAIL	LUCAN		44.41N 95.41W
06/26/2010	M1.00 INCH	REDWOOD	MN	TRAINED SPOTTER
0650 PM	TSTM WND DMG	WABASSO		44.40N 95.25W
06/26/2010		REDWOOD	MN	LAW ENFORCEMENT
NUMEROUS TREES BLOWN DOWN.				
0655 PM	TSTM WND DMG	WANDA		44.32N 95.21W
06/26/2010		REDWOOD	MN	LAW ENFORCEMENT
SEVERAL TREES BLOWN DOWN.				
0811 PM	TORNADO	5 N VERNON CENTER		44.04N 94.17W
06/26/2010		BLUE EARTH	MN	PUBLIC
UNCONFIRMED RELAYED THROUGH LAW ENFORCEMENT.				
0812 PM	TSTM WND GST	NEW ULM		44.31N 94.46W
06/26/2010	M58.00 MPH	BROWN	MN	AWOS
OCCURRED AT THE AIRPORT.				
0815 PM	TSTM WND GST	NEW ULM		44.31N 94.46W
06/26/2010	M66.00 MPH	BROWN	MN	AWOS
0815 PM	FLASH FLOOD	NEW ULM		44.31N 94.46W
06/26/2010		BROWN	MN	TRAINED SPOTTER
STREET FLOODING ENTIRE CITY.				
0835 PM	TSTM WND DMG	GAYLORD		44.55N 94.22W
06/26/2010		SIBLEY	MN	LAW ENFORCEMENT
TREES AND POWER LINES DOWN.				
0849 PM	TSTM WND GST	ST JAMES		43.98N 94.63W
06/26/2010	M51.00 MPH	WATONWAN	MN	AWOS

0855 PM	HEAVY RAIN	ST JAMES	43.98N 94.63W
06/26/2010	M2.20 INCH	WATONWAN MN	TRAINED SPOTTER
STREET FLOODING, WATER UP OVER CURBS.			
0855 PM	TSTM WND DMG	1 SW MANKATO	44.16N 94.00W
06/26/2010		BLUE EARTH MN	TRAINED SPOTTER
SCATTERED TREES DOWN BLOCKING INTERSECTION WARREN AND HIGHLAND.			
0901 PM	TSTM WND GST	5 SSW LAKE CRYSTAL	44.04N 94.26W
06/26/2010	M52.00 MPH	BLUE EARTH MN	MESONET
MNDOT ROADWAY SENSOR.			
0902 PM	TSTM WND GST	2 NNW ST PETER	44.36N 93.98W
06/26/2010	E56.00 MPH	NICOLLET MN	TRAINED SPOTTER
0910 PM	TSTM WND DMG	NNW FAIRMONT	43.65N 94.46W
06/26/2010		MARTIN MN	LAW ENFORCEMENT
LARGE TREE DOWN NEAR SOUTH PARK AND FOREST.			
0915 PM	TSTM WND DMG	2 E HENDERSON	44.53N 93.87W
06/26/2010		LE SUEUR MN	LAW ENFORCEMENT
SCATTERED TREES DOWN.			
0922 PM	TSTM WND GST	4 W BELLE PLAINE	44.62N 93.85W
06/26/2010	M60.00 MPH	SCOTT MN	LAW ENFORCEMENT
0927 PM	TSTM WND GST	BELLE PLAINE	44.62N 93.76W
06/26/2010	M72.00 MPH	SCOTT MN	MESONET
MNDOT RWIS ROAD SENSOR.			
0928 PM	TORNADO	5 NE WINNEBAGO	43.82N 94.10W
06/26/2010		FARIBAULT MN	PUBLIC
0928 PM	TORNADO	3 N BLUE EARTH	43.68N 94.10W
06/26/2010		FARIBAULT MN	PUBLIC
GRAIN BINS DOWN NEAR 140TH ST.			
0930 PM	FLASH FLOOD	ST JAMES	43.98N 94.63W
06/26/2010		WATONWAN MN	LAW ENFORCEMENT
STREET FLOODING IN ST JAMES, SOME LOW AREAS IMPASSABLE, BUT NOW RECEDED.			
0930 PM	TSTM WND DMG	2 NE BLUE EARTH	43.66N 94.07W
06/26/2010		FARIBAULT MN	LAW ENFORCEMENT
NUMEROUS TREES DOWN.			
0935 PM	TSTM WND DMG	CLEVELAND	44.32N 93.84W

06/26/2010		LE SUEUR	MN	LAW ENFORCEMENT
SCATTERED TREES DOWN.				
0944 PM	TSTM WND GST	WASECA		44.08N 93.50W
06/26/2010	E60.00 MPH	WASECA	MN	TRAINED SPOTTER
0950 PM	TSTM WND DMG	WELLS		43.74N 93.73W
06/26/2010		FARIBAULT	MN	LAW ENFORCEMENT
NUMEROUS TREES DOWN.				
0954 PM	FLASH FLOOD	3 SW MANKATO		44.14N 94.03W
06/26/2010		BLUE EARTH	MN	TRAINED SPOTTER
WATER COVERING ROADS.				
0955 PM	HAIL	MORRISTOWN		44.22N 93.44W
06/26/2010	E0.75 INCH	RICE	MN	TRAINED SPOTTER
0956 PM	TSTM WND DMG	WELLS		43.74N 93.73W
06/26/2010		FARIBAULT	MN	COUNTY OFFICIAL
NUMEROUS TREES AND POWER LINES DOWN.				
1000 PM	TORNADO	HARTLAND		43.80N 93.49W
06/26/2010		FREEBORN	MN	LAW ENFORCEMENT
REPORTED BY POLICE.				
1005 PM	TSTM WND DMG	ALBERT LEA		43.66N 93.37W
06/26/2010		FREEBORN	MN	TRAINED SPOTTER
NUMEROUS TREES AND POWER LINES DOWN.				
1005 PM	TSTM WND DMG	FARIBAULT		44.30N 93.27W
06/26/2010		RICE	MN	LAW ENFORCEMENT
POWER LINES DOWN.				
1011 PM	FLASH FLOOD	FARIBAULT		44.30N 93.27W
06/26/2010		RICE	MN	TRAINED SPOTTER
WATER OVER CURBS.				
1015 PM	FLASH FLOOD	BURNSVILLE		44.76N 93.28W
06/26/2010		DAKOTA	MN	LAW ENFORCEMENT
NUMEROUS STRANDED CARS LAKEVILLE TO BURNSVILLE.				
1015 PM	TSTM WND DMG	3 S LAKEVILLE		44.64N 93.24W
06/26/2010		DAKOTA	MN	LAW ENFORCEMENT
TREE DOWN ON POWER LINE.				
1020 PM	FLASH FLOOD	PRIOR LAKE		44.73N 93.43W
06/26/2010		SCOTT	MN	LAW ENFORCEMENT

EAGLE CREEK ROAD AND GRAINWOOD ROAD FLOODED CARS STALLED

1022 PM	FLASH FLOOD	2 S OWATONNA	44.06N 93.22W
06/26/2010		STEELE	MN TRAINED SPOTTER

STREET FLOODING SOUTH CEDAR AVE.

1027 PM	TSTM WND DMG	ALBERT LEA	43.66N 93.37W
06/26/2010		FREEBORN	MN TRAINED SPOTTER

POWER LINES AND 8 INCH BRANCHES DOWN...POWER IS OUT.

1030 PM	FLASH FLOOD	FARIBAULT	44.30N 93.27W
06/26/2010		RICE	MN TRAINED SPOTTER

WATER UP TO 2 FEET IN STREETS.

1040 PM	FLASH FLOOD	4 WSW BELLE PLAINE	44.61N 93.85W
06/26/2010		SCOTT	MN TRAINED SPOTTER

RETAINING WALL COLLAPSED CAUSING MUD AND LOGS ON ROAD

1040 PM	FLASH FLOOD	BELLE PLAINE	44.62N 93.76W
06/26/2010		SCOTT	MN LAW ENFORCEMENT

ENTERPRISE AND HICKORY ROAD FLOODED CARS STALLED

1040 PM	TSTM WND DMG	5 SW WELCH	44.50N 92.75W
06/26/2010		GOODHUE	MN TRAINED SPOTTER

A COUPLE 4 TO 6 INCH TREES BLOWN DOWN...NUMEROUS BRANCHES TWISTED OFF TREE TOPS.

1050 PM	FLASH FLOOD	BLOOMINGTON	44.83N 93.32W
06/26/2010		HENNEPIN	MN TRAINED SPOTTER

WATER TO TOPS OF TIRES CARS STRANDED EAST OF OLD SHAKOPEE RD AND FRANCE AVE.

1050 PM	FLASH FLOOD	BLOOMINGTON	44.83N 93.32W
06/26/2010		HENNEPIN	MN LAW ENFORCEMENT

BETWEEN 1050 AND 1100 PM HIGH WATER ON SEVERAL ROADS, SEVERAL STALLED VEHICLES

1100 PM	FLASH FLOOD	RED WING	44.58N 92.60W
06/26/2010		GOODHUE	MN TRAINED SPOTTER

SEVERAL MANHOLE COVER BLOWN OFF BY FLOODING

1100 PM	FLASH FLOOD	ELLSWORTH	44.74N 92.48W
06/26/2010		PIERCE	WI LAW ENFORCEMENT

FLOODED ROADS

1100 PM	FLASH FLOOD	ST PAUL	44.95N 93.10W
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06/26/2010                      RAMSEY                      MN      COUNTY OFFICIAL

GRAND AVE AND PLEASANT BARICADED DUE TO EROSION AND AT  
1115 SEVERAL BASEMENTS FLOODED

1100 PM      FLASH FLOOD              PLUM CITY                      44.63N 92.19W  
06/26/2010                      PIERCE                      WI      LAW ENFORCEMENT

WATER OVER SEVERAL ROADS..NOW RECEDED

1100 PM      FLASH FLOOD              SHAKOPEE                      44.77N 93.48W  
06/26/2010                      SCOTT                      MN      LAW ENFORCEMENT

CO RD 83 AND VALLEY VIEW RD CARS STALLED ROAD FLOODED.

1110 PM      FLASH FLOOD              1 NW MAIDEN ROCK              44.58N 92.32W  
06/26/2010                      PIERCE                      WI      TRAINED SPOTTER

MUD SLIDES NEAR COUNTY ROAD A...AND 385 ST.

1130 PM      FLASH FLOOD              BLOOMINGTON                      44.83N 93.32W  
06/26/2010                      HENNEPIN                      MN      LAW ENFORCEMENT

NICOLLET RD SOUTH OF AMERICAN BLVD CLOSED

1216 AM      FLASH FLOOD              PEPIN                      44.44N 92.15W  
06/27/2010                      PEPIN                      WI      LAW ENFORCEMENT

8 INCHES MUD OVER RAILROAD TRACKS IN PEPIN

1227 AM      FLASH FLOOD              PEPIN                      44.44N 92.15W  
06/27/2010                      PEPIN                      WI      LAW ENFORCEMENT

CO RD N AND ARKANSAS RD BARICADED DUE TO WASHOUT

1240 AM      FLASH FLOOD              W BALDWIN                      44.96N 92.37W  
06/27/2010                      ST. CROIX                      WI      TRAINED SPOTTER

1400 BLOCK OT 9TH AVE...THE CREEK IN WINDMILL PARK HAS  
OVERFLOWED ITS BANK...COVERED WITH RUNNING WATER.

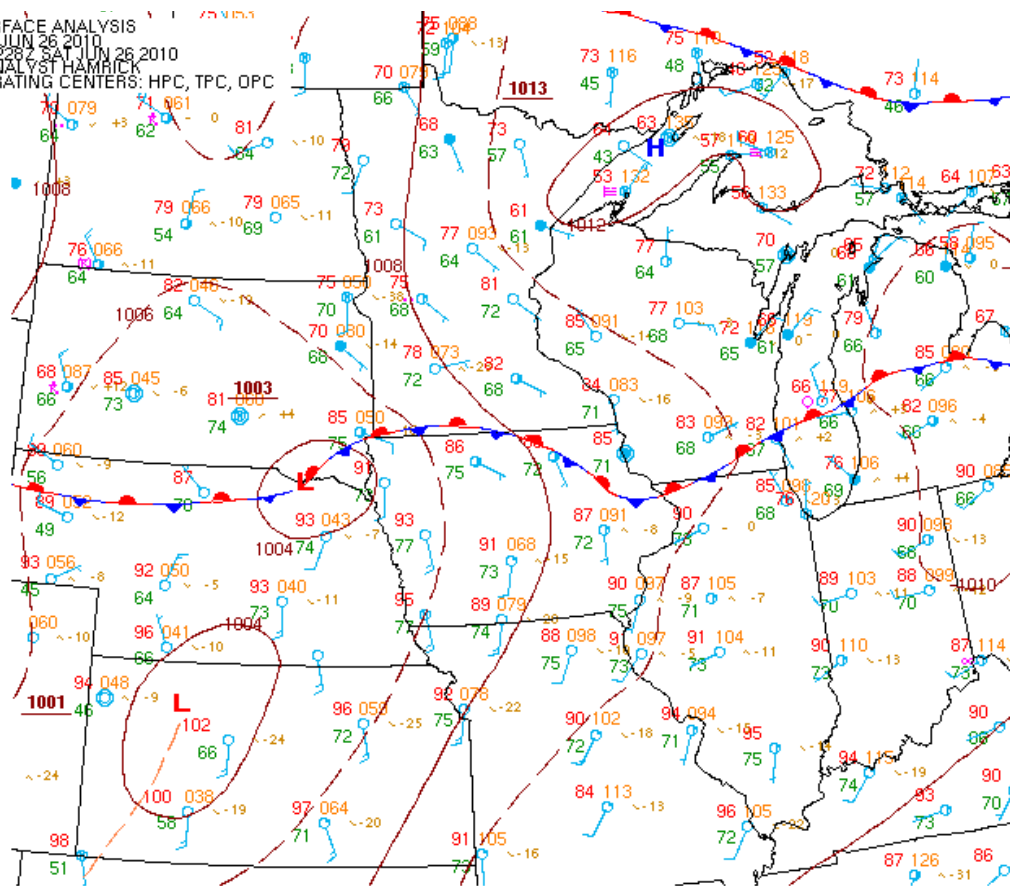
1248 AM      FLASH FLOOD              NE BALDWIN                      44.97N 92.37W  
06/27/2010                      ST. CROIX                      WI      TRAINED SPOTTER

CREEK OVER FLOWED BANKS IN 500 BLOCK OF MAPLE ST.  
PEDESTRIAN BRIDGE IMPASSIBLE...WATER HEIGHT OVER PARK  
ENTRANCE.



## Surface Weather Map at 4 PM CDT, June 26, 2010

2100Z SURFACE ANALYSIS  
DATE: SAT JUN 26 2010  
ISSUED: 2220Z SAT JUN 26 2010  
BY HPC ANALYST HAMRICK  
COLLABORATING CENTERS: HPC, TPC, OPC



*The above surface map shows the main boundary slowly lifting north similar to a warm front. This was in response to an approaching area of low pressure. Widespread dew points in the lower to mid 70s illustrated how moist the atmosphere was, which not only aided in severe weather from the thunderstorms that developed, but also very heavy rainfall.*